



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

June 1, 2020

Kathy DeGroot  
Regulatory Consultant  
DE-Source, Inc. c/o Pyxis Regulatory Consulting, Inc.  
4110 136<sup>th</sup> St Ct NW  
Gig Harbor, WA 98332

Subject: Notification per PRN 98-10 – Addition of alternate brand name, correcting typographical errors, correcting brand name, removing duplicated text  
Product Name: DIASOURCE DIATOMACEOUS EARTH GRAIN STORAGE  
INSECTICIDE  
EPA Registration Number: 69261-3  
Application Date: December 13, 2019  
Decision Number: 560212

Dear Ms. DeGroot:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped “Notification” and will be placed in our records. The alternate brand name “DE-Source Diatomaceous Earth Grain Storage Insecticide” has been added to the product record.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, please contact David Gardner at (703) 347-8599 or by email at [gardner.david@epa.gov](mailto:gardner.david@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Shanta Adeeb".

Shanta Adeeb, Product Manager 10  
Invertebrate-Vertebrate Branch 2  
Registration Division (7505P)  
Office of Pesticide Programs

# NOTIFICATION

69261-3

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

06/01/2020

[Note to reviewer: text in brackets [ ] denotes optional text].

## DIASOURCE DIATOMACEOUS EARTH GRAIN STORAGE INSECTICIDE

[Alternate Brand Name: DE-Source Diatomaceous Earth Grain Storage Insecticide]

### FOR COMMERCIAL AGRICULTURAL USE ONLY

DiaSource Diatomaceous Earth consists of the skeletal remains of fresh water diatoms. This product is intended for use as a post-harvest treatment to control insects in stored grains (including wheat, barley, oats, rye, corn, beans, peas, rice, sorghum), peanuts, seeds and feeds.

ACTIVE INGREDIENT: Silicon Dioxide.....	88.25%
Other Ingredients.....	11.75%
Total .....	100.00%

### READ ENTIRE LABEL BEFORE USING

### KEEP OUT OF REACH OF CHILDREN CAUTION

EPA Reg. No. 69261-3

NET WT. lb ( kg)

EPA Est No.

FIRST AID	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>HOTLINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information	

See [Front] [Side]/[Back] Panel for Precautionary Statements, Directions for Use and Storage and Disposal.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS & DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Use adequate ventilation and avoid breathing dust. For prolonged exposure to dust, use a suitable dust mask approved by NIOSH/MSHA. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

#### GRAIN TREATMENT:

Apply one to two pounds per ton of grain (28 to 56 pounds per 1,000 bushels) during storage to prevent insect damage to grain. For best results, treat grains and seed immediately after harvest. DiaSource

Diatomaceous Earth Grain Storage Insecticide D-E provides effective control of stored grain insects, including Granary Weevils, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Rusty Grain Beetles, Merchant Grain Beetles, Hide Beetles, Litter Beetles and grain and mold mites. Direct contact with dust is necessary for control. Use the higher rate ~~for~~ applications to corn. Optimal performance is achieved with low grain moisture. Adjust the moisture content of the grain or seed treated by using aeration to no more than 12% by weight. Thoroughly mix DiaSource Diatomaceous Earth Grain Storage Insecticide D-E with grain. Product may be dispensed into the grain either at the bottom of an elevator leg or as it is being moved into storage by auger or conveyor belt. Seal bin for storage. It is wise to check the status of stored grain regularly.

**IMPORTANT:** When treating the entire grain mass, treated grain will have a dry appearance, its movement speed may be reduced and the grade and test weight may be lowered. To minimize these effects, a layer treatment is recommended. Milling, baking, nutritive and germination qualities of grain or seed are not affected by this treatment.

**LAYER TREATMENT:** As an alternative to treating the entire grain mass, apply one to two pounds per ton (28 to 56 pounds per 1,000 bushels), treating only the top 2-3 feet of grain at the time of storage. A mechanical dust applicator is recommended, taking care to achieve even distribution. For best results, combine layer treatment technique with an empty bin treatment prior to storage of grain.

**SURFACE TREATMENT:** As a top-dressing treatment, apply two to three pounds of DiaSource Diatomaceous Earth Grain Storage Insecticide D-E per 1,000 square feet of grain surface area. For best results, ~~use a~~ surface treatment is recommended in combination with the layer treatment technique described above. Indian Meal Moth populations are suppressed using this technique. Apply to the surface of grain at the rate of one to three pounds per 1,000 square feet at the first sign of moths. Repeat treatment as necessary for control.

**PEANUT (IN SHELL) TREATMENT:**

Apply two pounds per ton (28 to 56 pounds per 1,000 bushels), treating only the top 2-3 feet of peanuts at the time of storage. A mechanical dust applicator is recommended, taking care to achieve even distribution. For best results, combine layer treatment technique with an empty bin treatment prior to storage of peanuts.

**EMPTY BIN TREATMENT:** Empty bins, bulk grain storage areas, peanut warehouses and storage areas, grain handling equipment and transportation vehicles can be protected from stored grain insects by dusting walls, floors and other surfaces where insects hide or crawl. Apply at the rate of one to three pounds per 1,000 square feet of surface area using mechanical dust applicator or power equipment suitable for the application of dusts. Distribute dust evenly and apply thoroughly to cracks and crevices and other areas where insects may hide or crawl. Repeat treatment after grain has been removed from storage. DiaSource Diatomaceous Earth Grain Storage Insecticide D-E can also be applied as a slurry treatment to empty bins and bulk grain storage areas. Mix 1.5 lb. of DiaSource Diatomaceous Earth Grain Storage Insecticide D-E per gallon of water and apply 1.5 gallons of finished spray per 1,000 sq. ft. Apply evenly for thorough coverage to the point of runoff.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container in a cool dry area and inaccessible to children and pets.

**PESTICIDE DISPOSAL:** ~~Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.~~ Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container. Offer for recycling recycling if available or dispose of in a sanitary landfill or by other procedures approved by state and local authorities. **IN CASE OF SPILL:** Vacuum or dampen with water and sweep. ~~Waste resulting from the use of this product may be disposed of onsite or at a local sanitary landfill.~~

**WARRANTY STATEMENT**

Seller warrants that this product complies with the specifications expressed in this label. Conditions of use such as moisture, compatibility with other chemicals and conditions of application may vary. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

Manufactured by:  
DE-Source Inc.  
3779 Dahle Road,  
Westfall, OR, U.S.A.

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